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(54) PRODUCTION OF 5-AMINOLEVULINIC ACID

(57) Abstract:

PURPOSE: To produce 5-aminolevulic acid in high yield from a inexpensive and readily available starting material through simple operations.

CONSTITUTION: Molecular oxygen is allowed to act on furfurylamine whose amino group is protected in the presence of a sensitizer under light illumination. The product is hydrogenated in the presence of a metallic catalyst and hydrolyzed to give 5-aminolevulic acid or its salt.

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